

Lovibond® Water Testing Tintometer® Group



Water Treatment Engineers Test Kit (Photometer)

Test Kit for professionals for water treatment with photometric focus



You need safe, fast and reliable test results? This Kit allows you to test your water system in your daily routine with visual methods, electrochemical instruments and additionally with an MD600 photometer for advanced water analysis. This gives you the full overview and enables you to make the appropriate decisions on treatment programs.

Includes the following parameters: Conductivity, pH, glycol, aluminum, bromine, chlorine, copper, iron, molybdate and phosphate.

- Mobile laboratory for water treatment monitoring
- Accurate & repeatable results for all types of industrial water systems
- Including photometer MD600 for professional photometric tests
- Ensure system performance & operating costs

Part Number: 56K701400

Industry

Chemical Industry | Food and Beverage Industry | Industries Others | Marine Industry | Municipalities | NGO | Oil and Gas | Pharmaceutical Industry | Pool Domestic | Pool Public | Pool Services | Power and Energy

Application

Boiler Water | Cooling Water | Disinfection Control | Drinking Water Treatment | Galvanization | Others | Pool Water Control | Raw Water Treatment | Waste Water Treatment

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The complete equipment for monitoring of closed circuits, evaporative cooling systems & boiler systems as routine tasks.

Ideal for prevention of most common problems and risks like corrosion, scale and biofouling or increased biological activity. The kit additionally contains an MD600 Photometer for professional photometric water sample analysis.

Measuring Range

Test Name	Measuring Range	Chemical Method
Alkalinity (P, M, OH)	50 - 2400 mg/L CaCO ₃	
Aluminium T	0.01 - 0.3 mg/L Al	Eriochrom Cyanine R
Bromine T	0.05 - 13 mg/L Br ₂	DPD
Chloride	20 - 12000 mg/L Cl ⁻	
Chlorine T	0.01 - 6.0 mg/L Cl ₂ ^{a)}	DPD
Conductivity	0 - 20 mS/cm	
Copper T	0.05 - 5 mg/L Cu ^{a)}	Biquinoline
Glycol	% PEG/MEG	
Hardness, total	5 - 600 mg/L CaCO ₃	
Hardness (Yes/No)	8 - 20 mg/L CaCO ₃	
Hardness Calcium	5 - 600 mg/L CaCO ₃	
Hydrogen Peroxide	15 - 500 mg/L H ₂ O ₂	
Iron HR L	0.1 - 10 mg/L Fe	Thioglycolate
Iron LR L (A)	0.03 - 2 mg/L Fe	Ferrozine / Thioglycolate
Molybdate T	1 - 50 mg/L MoO ₄	Thioglycolate
Nitrite	10 - 2000 mg/L NaNO ₂	
pH	0 - 14	
Phosphate HR T	0.33 - 26 mg/L P	Vanadomolybdate
Phosphonate	0 - 20 mg/L HEDP	
Sulphite	25 - 150 mg/L Na ₂ SO ₃	
Tannin	50 - 300 mg/L Tannin	

Delivery Scope

- Plastic case
- SD40 Multi Pocket Tester
- MD610 Photometer
- 6 Cuvettes 24 mm round with lids & sealing rings
- DPD No.1 tablets BT
- DPD No.3 tablets
- Glycine tablets
- Nitrite tablets bottle
- Aluminium No.1 tablets
- Aluminium No.2 tablets
- Copper No.1 Test tablets
- Copper No.2 Test tablets
- Molybdate No.1 tablets
- Molybdate No.2 tablets
- Phosphate HR P1 tablets
- Phosphate HR P2 tablets
- Hardness Yes/No tablets
- Stirring rod and powder spoon
- pH Buffer 4 solution
- pH Buffer 7 solution
- pH Buffer 10 solution
- Chloride LR Titrant CC2
- Chloride HR Titrant BC2
- Tannin Indicator TN1
- Tannin Titrant TN2
- Acetic acid 20%
- Nitrite Titrant N2
- Phosphonate Titrant P5
- Peroxyacetic acid Buffer HP1
- Phosphonate Indicator P4L
- Nitrite Indicator N1
- Hydrogen Peroxide HR Titrant HP2
- Hydrogen Peroxide HR Titrant HP3
- Iron Reagent FE8
- Phosphonate pH Adjuster P3
- Chloride Indicator CC1
- Calcium Hardness Indicator CH1P
- Calcium Hardness Buffer CH2
- Phosphonate Neutraliser P1/2
- Sulphite Indicator S1
- Sulphite Titrant S2
- Alkalinity 4.5 Indicator TA4
- Alkalinity LR Titrant TA3
- Alkalinity HR Titrant PA2/TA2
- Alkalinity OH Reagent PA3
- Acidity/Alkalinity P Indicator PA1
- Hardness Total Buffer TH2
- Hardness Total Indicator TH1P
- Hardness LR Titrant TH3
- Hardness HR Titrant TH4
- 1413uS Standard Conductivity Solution
- Iron Reagent FE6
- Iron Reagent FE5

Title	Part Number
ValidCheck Chlorine 1,5 mg/l	48105510
Syringe, plastic, 20 mL	56A006501
Titration jar with cap, plastic, 60 mL	56A006701
Syringe, plastic, 5 mL	56A008501
Plastic syringe, 1 ml	56A013501
Test Tube 5/10 mL + Cap	56A600401
Glycol Refractometer	56M000401

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